	12.55
TSEILLER, Aleksandr Al'bertovich.	- · · · · · · · · · · · · · · · · · · ·
Metallur; y of heavy non-ferrous metals. A textbook for technical schools. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi netallurgii, 1951. 2 v. (52-26859)	
TN758.T7	
1. Monferrous metals - Metallurgy.	
	-

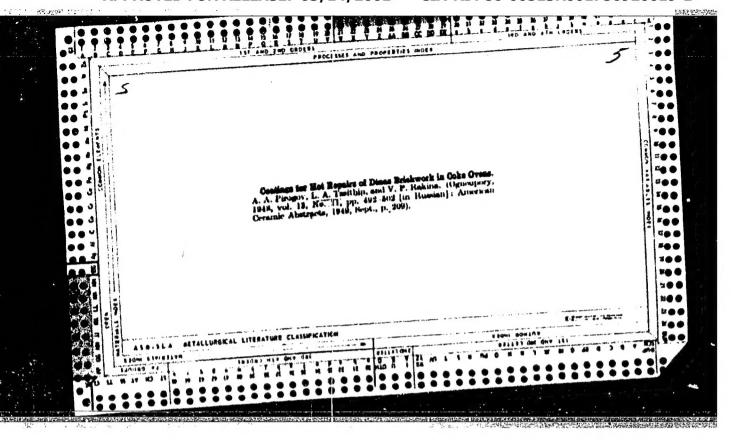
APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

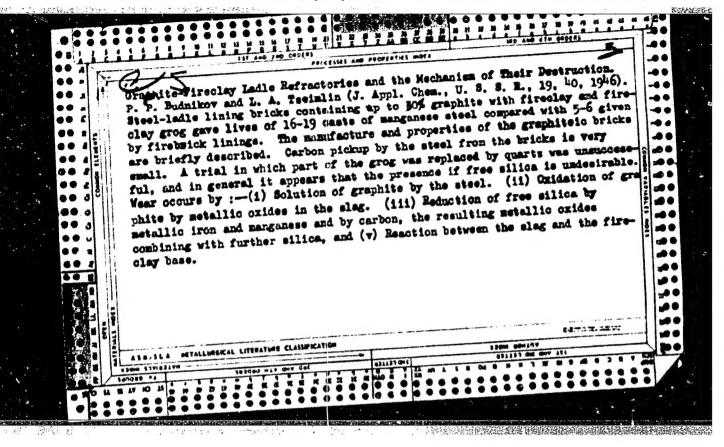
TSBIDLER, Aleksandr Al'bertovich

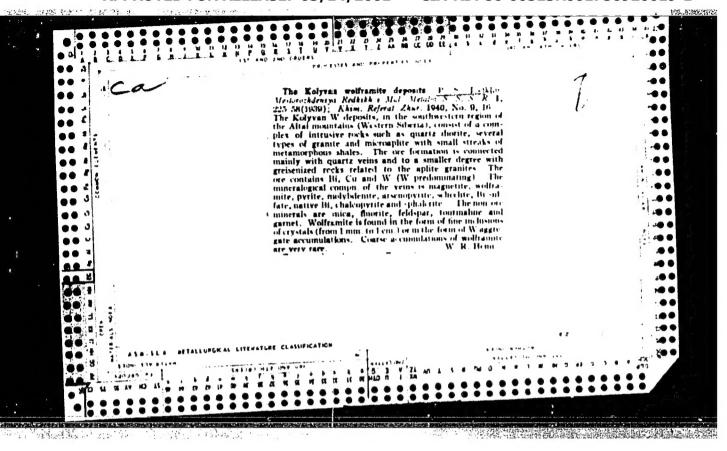
Tseidler, Alekaandr Al'bertovich. (Metallurgy of heavy nonferrous m. tals.) Metallurgiin tiazhelykh tsvetnykh metallov. Utserzhdeno v kachestve ucheb. posobiia dlia tekhnikumov. Moskva., Gos. nauchnot linn. izd-vo lit-r: po chernoi i tsvetnoi metallurgii. Vol. 2 (Lead and zinc) Svinets, tsink. 1951, 350 p.

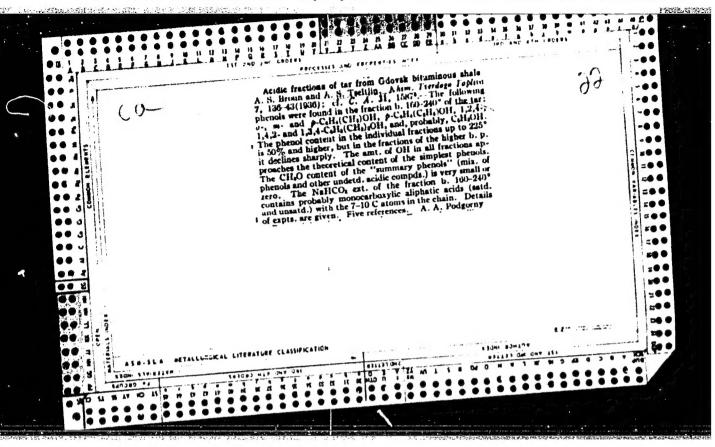
Available: Library of Congress

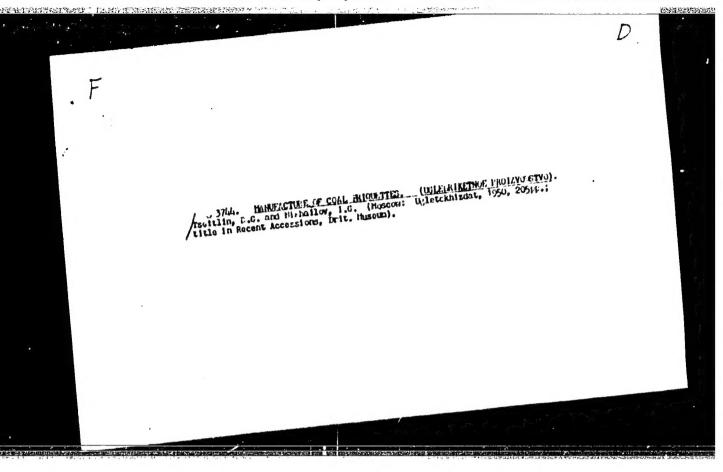
Source: Monthly List of Russian Accessions, Vol. 5, No. 1, Page 16











TSEITLIE, Dvgemii Aleksandrovich, 1909-

The technical revolution in flams, inding and the beginning of the machine manufacture of flam yarn in Lussia. Moshwa, lod-vo Akademii nauk SSSR, 1936. 222 p. (46-36339)

Q127.R9A56

1. Spinning machinery. 2. Flax - Russia.

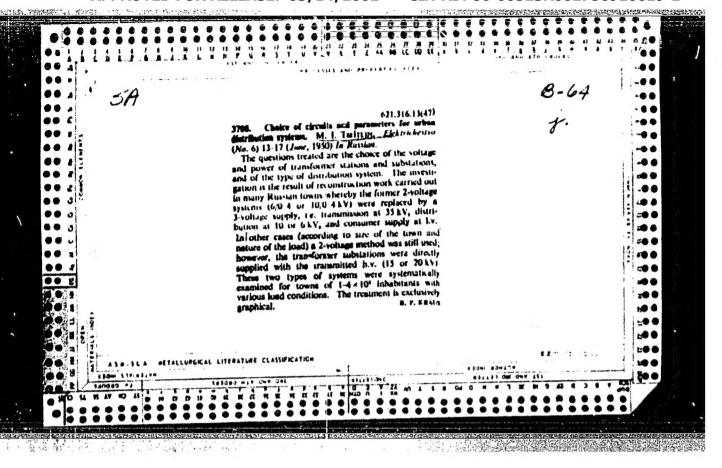
The transportation of the control of

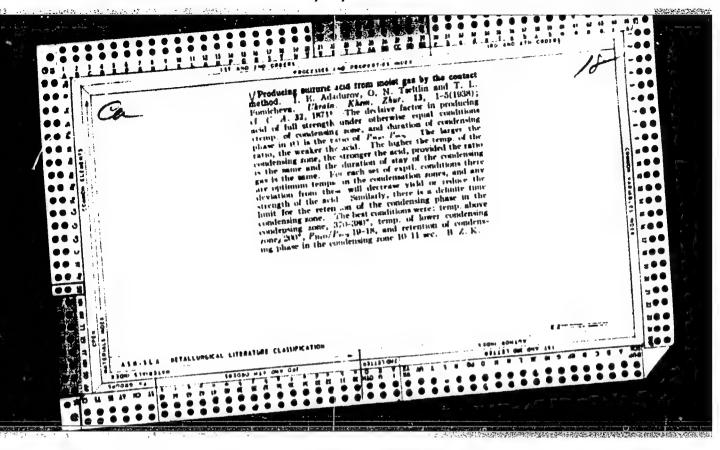
KOLENDOVSKIY, P.S., inzhener.; TSEITIAN, M.A.

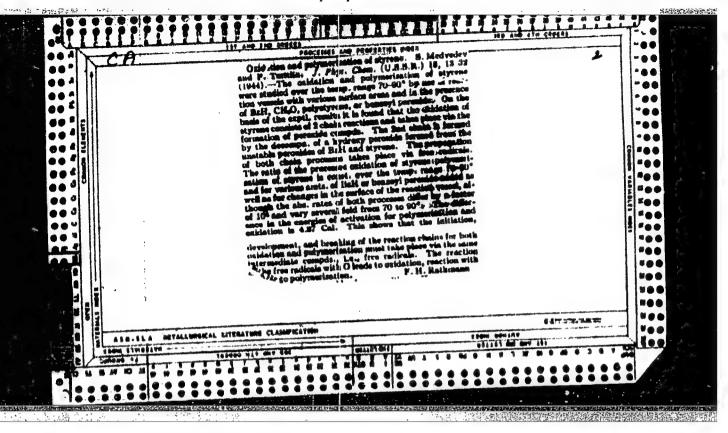
Hew diagram for determining the vibration characteristics of steam turbine blades. Elek.sta, 24 no.4:20-23 Ap '53. (MLRA 6:5)

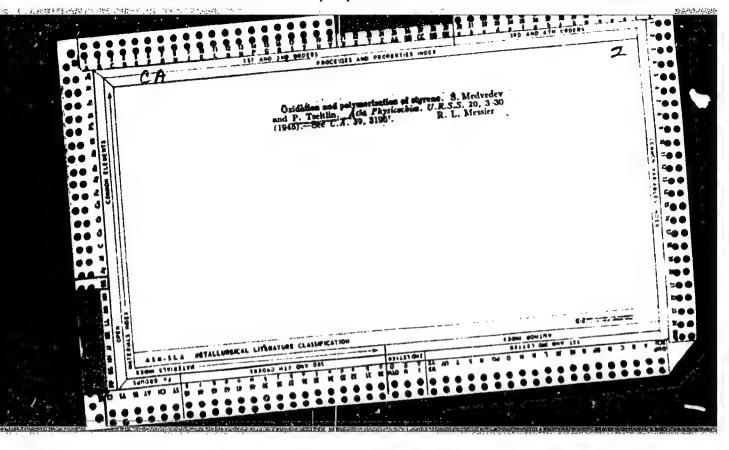
(Steam turbines--Blades)

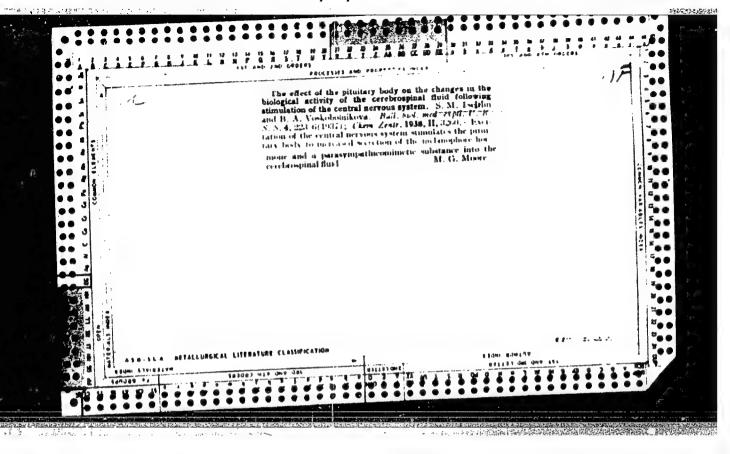
APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

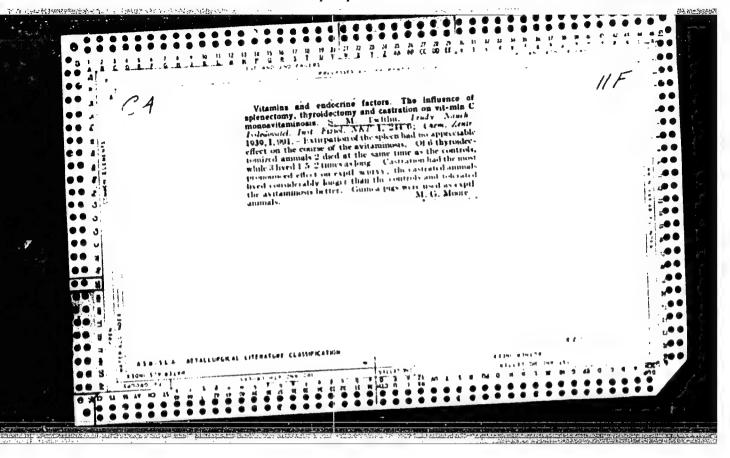












		1 lon 1.1
		-11/ Fac-m
CESSION NR: AP5002894		
Trunk Tseithn, V. B., Kinber, B. Y	S. Contation	
The Measure Etherdore Tvogs of the	ort arterias at a si films	
OURGE: Radiotekhnika i elektronika 🕟	Land March	
horn antenna, 10	ective gair.	
	and the second of the second o	45 ***
OPIC TAGS: antenna, in the second of the sec		
corrective factor for this equation suggestion, 1, 109), not being rigorous, has yield	hed grod agreement with exper	ments in
11, 1, 109), not being rigorous, has you	rmulas for correction factors	or the
	a literature an efful of on	-,
only a few specific cases, which are clair	ned to introduce an ownere Di	s the
only a few specific cases, which are clair	as is $R > 1.5 D^2/\lambda$, where D i	s the tical or
only a few specific cases, which are clair	as is $R > 1.5 D^2/\lambda$, where D is corrected are applicable to iden	s the tical or
only a few specific cases, which are clair	as is R > 1.5D /A, where D is as is R > 1.5D as a policiable to iden	s the tical or
only a few specific cases, which are clair	as is $R > 1.5D^2/\lambda$, where D is correctian are applicable to iden	s the tical or
corrective factor for time squares, has yield, 1, 109), not being rigorous, has yield it, 1, 109), not being rigorous, has yield it, 1, 109), not being rigorous, has yield it, 100, not being rigorous, has yield it, 100, not being rigorous, has yield and a square rigorous, has yield it is an accordance of the square rigorous, has yield and accordance of the square rigorous, has yield it is an accordance of the square rigorous, has yield it.	as is R > 1.5D ² /A, where D is correctas are applicable to iden	s the

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756920019-1

The Property of the Company of the C

1 17001-65

ACCESSION NR: AP5002894

different antennas. The effect of the quadratic phase difference between the horn-aperture center and its edges upon the correction factor is analyzed. The new to have a state of the rate dated cases and published experimental data. Orig. are mass to give a soul as lot most.

ASSOCIATION: none

SUBMITTED: 29Nov63

ENCL: 00

SUB CODE: EC

NO REF SOV: 004

OTHER: 003

Card 2/2

TSEKALO, Ye.B., inzhener.

Hew design for a high-pressure throttling steam valve. Energo(MIRA 10:10)

mashinostroenie 3 no.8:34-35 Ag '57.

(Valves)

I SERALD, YE F

AUTHOR: Tsekalo, Ye.B., Engineer.

114-8-13/16

TITLE:

A new design of high-pressure steam throttle valve. (Novaya konstruktsiya drossel'nogo parovogo klapana vysokogo davleniya)

PERIODICAL: 'Energomashinostroyeniye" (Power Machinery Construction), 1957, Vol.3, No.8, pp. 34 - 35 (U.S.S.R.)

ABSTRACT: A throttle valve is used when it is required to reduce the pressure of live steam in ordinary and rapid acting reduction and cooling installations and so on. The operation of throttle valves is explained. A new type of throttle valve has been produced by the Venyukovskiy Fitting Works (Venyukovskiy Armaturnyy Zavod). It is illustrated in Fig.1 and described. The design was based on that of a valve produced by the Leningrad Metal Works (IMZ) but the new valve is simpler and more convenient to make, erect and repair. Series production commenced in 1956, and, therefore, operating experience is still not extensive. However, results to date There is 1 figure.

AVAILABLE: Library of Congress Card 1/1

TSEKANOVSKIY, E.R.

Characteristic functions of unlimited operators. Nauch. trudy KHGI 11:95-100 '62. (MIRA 16:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

TSEKANOVSKIY, E.R. (Khar'kov)

Generalized extensions of asymmetrical operators. Mat. sbor. 68 no.4:527-548 D 165. (MIRA 18:12)

1. Submitted September 7, 1964.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

一一一个自己的人们是有的现在分词,但是不是是自己的人们的人们的人们的人们是不是不是不是

TSEKANOVSKIY, E.R.

Description of invariant subspaces and the unicellularity of an operator of integration in a W₂ (p) space. Usp. mat. nauk 20 no.6:169-172 N-D '65. (MIRA 18:12)

1. Submitted Dec. 28, 1964.

SILOV, Ye.N.; TSEKHANOV, A.S.

经进行管理金属的信息 计自由 自治 自身 不足 一大二、五、

Electronic sparking device and transducer for the TL pneumatic indicator. Izv. TPI 105:79-80 '60. (MIRA 16:8)

l. Predstavleno nauchnym seminarom radiotekhnicheskogo fakul'teta Tomskogo ordena Trudovogo Krasnogo Znameni politekhnicheskogo instituta imeni Kirova. (Electronic instruments)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

TSEKHANSKIY, R.S.

Interaction of aryl radicals through a binding heteroatom.

Zhur. org. khim. 1 no.11:1905-1909 N '65.

(MIRA 18:12)

1. Chuvashskiy gosudarstvennyy pedagogicheskiy institut imeni I.Ya. Yakovleva. Submitted July 4, 1964.

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDF

CIA-RDP86-00513R001756920019-1

CHURMASOV, S.F.; TSEKHROVICH, h.i.; FULYR'KOV, P.I.; ZAUTHKO, A.I.

Investigating forces acting in a balling prove enasher. Enz.shtam. proizv. 7 no.8:23-26 kg *65.

(MIRA 12:9)

Real and imaginary parts of an unbounded operator. Eokl. AN SSSR 139 no.1:48-51 J1 '61. (MIRA 14:7) 1. Khar'kovskiy gornyy institut. Predstavleno akademikom S.L. Sobolevym. (Operators (Mathematics))

"APPROVED FOR RELEASE: 03/14/2001 CIA-

CIA-RDP86-00513R001756920019-1

KUN, Yu.; TSEKAVYY, G.

Wide-screen motion pictures. Znan.sila 30 no.8:13-16 Ag'55.

(Motion-picture projection) (MLRA 8:11)

KUZNETSOV, Anatoliy Ivanovich; TSEKHANOV, A.D., inzh., retsenzent;
FEDOSEYEV, L.N., red.; YAELOKOV, V.I., red. izd-va;
BODANOVA, A.P., tekhn. red.

[Course project on the repair of motor vehicles and road machinery]
Kursovee proektirovanie po remontu avtomobilei i dorozhnykh mashin.
Moskva, Avtotransizdat, 1962. 190 p. (MIRA 16:1)

(Motor vehicles-Maintenance and repair)
(Road machinery-Maintenance and repair)

LISITSKIY, Aleksey Afanas'yevich; TSEKHANOV, Aleksey Dmitriyevich; VISHKEPOL'SKIY, A.M., red.; GALAKTIONOVA, Ye.N., tekhn.red.

[Laboratory practical work in automobile repair] Laboratornyi praktikum po remontu avtomobilei. Moskva, Nauchno-tekhn.
izd-vo M-va avtomobilinogo transporta i shosseinykh dorog RSFSR.
1960. 98 p. (MIRA 13:11)
(Motor vehicles--Maintenance and repair)

TSEKHANOV, A. S., Cand Tech Sci -- "Effect of loading on the indicating efficiency coefficient of low-displacement carburetor four-statute engine." Tomsk, 1961. (Min of Higher and Sec Spec Ed RSFSR. Tomsk Order of Labor Red Eanner Polytech Inst im S. M. Kirov) (KL, 8-61, 251)

- 332 -

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

CONTRACTOR CONTRACTOR

TSEKHANOVSKIY, A.

Council of the scientific technological society takes part in the solution of urgent problems. NTO 3 no.2:53 P 161. (MIRA 14:3)

1. Glavnyy inzhener Timiryazevskogo lespromkhoza, chlen soveta Nauchno-tekhnicheskogo obshchestva Tomskoy oblasti. (Tomsk Province-Lumbering-Technological innovations)

TSEKHANSKAYA, Yu.V.; MUSHKINA, Ye.V.

化市场 经营销 经

Photometric determination of small amounts of butadiene. Zhur. anal. khim. 16 no. 1:96-99 Ja-F '61. (MIRA 14:2)

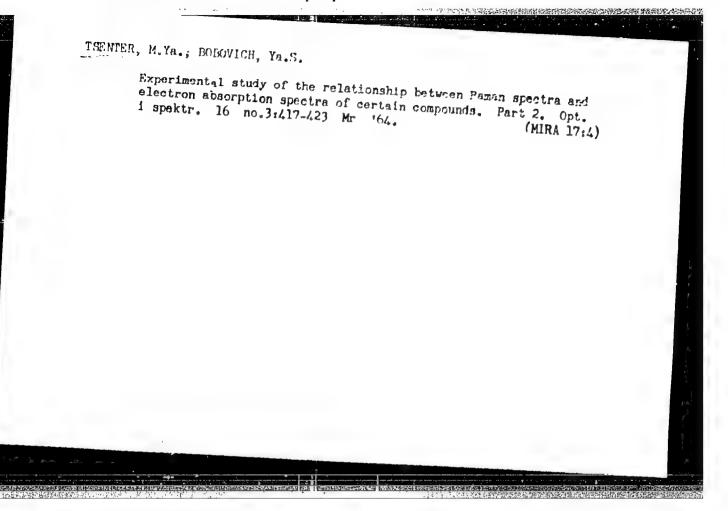
1. State Scientific-Research and Designing Institute of Nitrogen Industry and the Products of Organic Synthesis, Moscow.
(Butadiene)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

SANIN, P.I.; BAGRIY, Ye.I.; PETROV, Al.A.; NIKITSKAYA, Ye.A.; TSEDILINA, A.L.

Viscosity of C₂₄ and C₂₈ polycyclic hydrocarbons. Nefteknimia 3 no.6:835-844 N-D '63. (MIRA 17:3)

l. Institut neftekhimichoskogo sinteza AN SSSR im. A.V.Topchiyeva i Institut geologii i razrabotki goryuchikh iskopayemykh.



TSEKHANSKAYA, Yu.V.; IOMTEV, M.B.; MUSHKINA, Ye.V.

Solubility of maphthalene in ethylene and carbon dioxide under pressure. Zhur. fiz. khim. 38 no.9:2166-2171 5 '64.

(MIRA 17:12)

l. Institut azotnoy promyshlennosti i produktov organicheskogo sinteza, Moskva.

KRICHEVSKIY, I.R.; KHAZANOVA, N.Ye.; TSEKHANSKAYA, Yu.V. (Moscow)

Critical phenomena in the system hexamethylenimine - water. Part 3: Diffusion in the vicinity of the critical point. Zhur.fiz.khim. 34 no.6:1250-1254 Je '60. (MIRA 13:7)

1. Institut azotnoy promyshlennosti.
(Hexamethylenimne) (Diffusion) (Critical point)

30

PHASE I BOOK EXPLOITATION SOV/5469

Soveshchaniye po kriticheskin yavlenini i flyuktuatsiyam v rastvorakh. Moscou, 1950.

Kriticheskiye yavleniya i flyuktuabsit was Arabh; trudy soveshchmiya, yanvar' 1960 g. (Crivia linear and Fluctuations in Solutions; Transactions of the Conference, January 1960) Noscow, Izd-vo AN SSSR, 1960. 190 p. 2,500 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Otdeleniyo khimicheskikh nauk. Moskovskiy gosudaratvennyy universitet im. M. V. Lomonosova. Khimicheskiy fakul'tet.

Responsible Ed.: M. I. Shakhparonov, Doctor of Chemical Sciences, Professor; Ed. of Publishing House: E. S. Dragunov; Tech. Ed.: S. G. Tikhomirova.

PURPOSE: This collection of articles is intended for scientific personnel concerned with chemistry, physics, and heat power engineering.

Card 1/9

		<i>3</i> o	
	Critical Phenomena and Pluctuations S0V/5%59		
	COVERAGE: The book contains 24 of the 26 reports read at the Conference on Critical Phenomena and Fluctuations in Solutions organized by the Chemical Division of Moscow State University, January 26-28, 1960. The reports contain results of investigations carried out in recent years by Soviet physicists, chemists, and heat power engineers. The Organizing Committee of the Conference was composed of Professor Kn. I. Amirkhanov, A. Z. Golik, I. R. Krichevskiy (Chairman), V. K. Scmenchenko, A. V. Storonkin, I. Z. Fisher, and M. I. Shakhparonov (Deputy Chairman). References accompany individual articles.		
	TABLE OF CONTENTS:		
•	Poreword	3	
	Amirkhanov, Kh. I., A. M. Kerimov, and B. G. Alibekov [Laboratoriya molekulyarnoy fiziki, Dagestanskiy filial AN SSSR Laboratory of Molecular Physics, Dagestan Branch, AS USSR]. Thermophysical Properties of Hatter at Critical Temperature	5	
	Card 2/9		:
		•	
			İ
			•

•	ے د	
· Critical Phenomena and Fluctuations 3CV/5469		
Akhadov, Ya. Yu., and Ji. I. Shakhaaronov [Laboratoriya fiziko-khimii rastvorov, Khimicheldy rahul'itet, Hoskovskiy gosudarat-venyy universitet im. M. V. Lomonosova Laboratory of the Physical Chemistry of Solutions, Chemistry Division, Hoscow State University imeni M. V. Lomonosov]. Dielectric Proporties of Solutions in a Superhigh Frequency Field and Concentration Fluctuations	14	
Boridgo, D. K., and M. I. Shekkeeronov [Laboratory of Physical Chemistry of Solutions, Chemistry Division, Moscow State University imeni M. V. Lomonosov]. Light Scattering in Solutions Having a Critical Stratification Point	21	•.
Vuks, M. F., and L. I. Lisnyanskiy [Laboratoriya molekulyarnoy optiki, Fizicheskiy fakulitet, Leningradskiy gosudarstvennyy universitet im. A. A. Zhdanova Laboratory of Kolecular Optics, Physics Division, Leningrad State University imeni A. A. Zhianov]. Intermolecular Interaction and Light Scattering in Solutions of Pyridine and C- Picoline in Water	27	
Card 3/9		
		. !

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756920019-1

and M. I. Shakhparonov [Laboratory of the of Solutions, Chemistry Division, Hoscow Laneni M. V. Lemonosov]. Rayleigh Light Probenzene Cyclohexane and Ethyl Alchol Lutions and M. I. Shakhparonov [Laboratory of the yor Solutions, Chemistry Division, Hoscow Laneni M. V. Lemonosov]. Dielectric Properin Electromagnetic Fields of the Millimetric ation Fluctuations ., and M. Ye. Khazanova [Laboratoriya vysokikh Laboratory of High-Pressure [Studies], Nosmand Planning Scientific Research Institute of stry]. Diffusion of Liquid and Gaseous Solutical Region	itsepina, L. P., and M. I. Shekhparonov [Laboratory of the cyaical Chemistry of Solutions, Chemistry Division, Hoseow and University imeni H. V. Lemonosov]. Rayleigh Light extering in Nitrobenzene Cyclohexane and Ethyl Alchol Diethylamine Solutions simov, R. M., and M. I. Shakhparonov [Laboratory of the hysical Chemistry of Solutions, Chemistry Division, Hoseow ate University imeni M. V. Lemonosov]. Dielectric Properties of Solutions in Electromagnetic Fields of the Millimetric and and Concentration Fluctuations richevskiy, I. R., and M. Ye. Khazanova [Laboratoriya vysokikh avleniy GIAP Laboratory of High-Pressure [Studies], Hoseow Stati Design and Planning Scientific Research Institute of Mitrogen Industry]. Diffusion of Liquid and Gaseous Solu-	.50	32 37
and M. I. Shakhnaronov [Laboratory of the of Solutions, Chemistry Division, Hoscow Land H. V. Lemonosov]. Rayleigh Light robenzene Cyclohexane and Ethyl Alchol - Lutions and M. I. Shakhparonov [Laboratory of the yof Solutions, Chemistry Division, Hoscow Land H. V. Lemonosov]. Dielectric Properin Electromagnetic Fields of the Millimetric ation Fluctuations ., and M. Ye. Khazanova [Laboratoriya vysok Laboratory of High-Pressure [Studies], Hoscand Planning Scientific Research Institute atry]. Diffusion of Liquid and Gaseous Solucal Region	itsepinu, L. P., and M. I. Shakhparonov [Laboratory of the symical Chemistry of Solutions, Chemistry Division, Hoscow ate University imeni M. V. Lemonosov]. Rayleigh Light eattering in Nitrobenzene Cyclohexane and Ethyl Alchol Diethylamine Solutions scimov, R. M., and M. I. Shakhparonov [Laboratory of the hysical Chemistry of Solutions, Chemistry Division, Hoscow ate University imeni M. V. Lemonosov]. Dielectric Propertes of Solutions in Electromagnetic Fields of the Millimetric and and Concentration Fluctuations richevskiy, I. R., and M. Ye. Khazanova [Laboratoriya vysok avleniy GIAP Laboratory of High-Pressure [Studies], Hoscow Stati Design and Planning Scientific Research Institute of Mitrogen Industry]. Diffusion of Liquid and Gaseous Solions in the Critical Region richevskiy, I. R., and Yu. V. Tsekhanskaya [Laboratory of		ikh of
and M. I. Shekhparonov [of Solutions, Chemistry meni M. V. Lemonosov]. robenzene Cyclohexane lutions ad M. I. Shakhparonov [La y of Solutions, Chemistry meni M. V. Lemonosov]. in Electromagnetic Fields ation Fluctuations ., and M. Ye. Khazanova [Laboratory of High-Press and Planning Scientific R stry]. Diffusion of Liquical Region	itsepina, L. P., and M. I. Shekhuaronov [cyaical Chemistry of Solutions, Chemistry at the University imeni M. V. Lemonosov]. attering in Nitrobenzene — Cyclohexane Diethylamine Solutions coimov, R. M., and M. I. Shakhparonov [Lanysical Chemistry of Solutions, Chemistry atte University imeni M. V. Lemonosov]. Les of Solutions in Electromagnetic Fields and and Concentration Fluctuations richevskiy, I. R., and M. Ye. Khazanova [avleniy GIAP — Laboratory of High-Presson Stati Design and Planning Scientific Residual Concentration of Liquidous in the Critical Region richevskiy, I. R., and Yu. V. Tsekhanskay		Laboratory of the Division, Noncow Rayleigh Light and Ethyl Alchol - boratory of the Division, No cow Dielectric Properfor the Millimetric Laboratoriya vysokikhure [Studies], Noslesearch Institute of the and Gaseous Solu-
itry itry itry itry intry itry itry itry itry itry itry itry i	itsepina, L. I yaical Chemia ate Universit attering in I Diethylamine simov, R. M., hysical Chemia tate Universit tes of Solution and and Concer richevskiy, I avleniy GIAP ow State Desi ne Nitrogen I ions in the Carichevskiy, I		c., and M. I. Shakhparonovery of Solutions, Chemistry of Solutions, Chemistry imeni M. V. Lemonosov]. Solutions and M. I. Shakhparonovery of Solutions, Chemistry of Solutions, Chemistry imeni M. V. Lemonosov]. One in Electromagnetic Field tration Fluctuations R., and M. Ye. Khazanovery of High-Press and Planning Scientifications of Littical Region

Critical Phonomona and Fluctuations	Sov/5469
High-Pressure [Studies], GIAP]. Kinetics of Heteroprocesses in the Critical Region	zencous 54
Krichevskiy, I. R., N. Ye. Khazarova, and L. R. Lins oratory of High Pressure [Studies], GIAP]. Liquid-Equilibrium in the Critical Region of Liquid-System fication	1 CDOX
Lomova, N. N, and M. I. Shakhparonov [Imboratory of Physical Chemistry of Solutions, Chemistry Division State University imeni M. V. Lemonosov]. Permittiv Molecular Structure of Solutions	ity and 73
Lanchina, L. V., and M. I. Shakhparonov [Laboratory Physical Chemistry of Solutions, Chemistry Division State University imeni M. V. Lemonosov]. Thin Struthe Line of Rayleigh Light Scattering in Solutions	cture of 77
Mokhov, N. V., and Ya. M. Labkovskiy (Kafedra deportiziki) Dnepropetrovskiy gosudarstvennyy universitet	imontal'noy Depart-
Card 5/9	
	and the state of t

Λ.			30	
	Critical Phonomena and Fluctuations ment of Emperimental Physics, Emproperrovek Stat Investigation of Empiry Fluctuations in Ether an	Scy/5459 te Universityl.	81	
	Investigation of Pensity Angles Pesed on X-Ray Scattering at Harrow Angles Inchov, H. V., and I. V. Kirch [Repartment of For Physics, Empropetrovsk State University] Variati Sizes of Concentration Fluctuations in Relational perature and Concentration in Bluary Liquid Syste an Upper Critical Dissolving Temperature	perimental lon in the	89	·
	Nozdrev, V. P., B. I. Kallyanov and M. G. Shirkov skiy oblastnoy pedagogichaddy institut Pedagog tute of the Kancow Oblast]. Hypersonic Investig Organic Liquids at Constant Density in the Vicin Critical State	ation. in ity of the	93	a manda agai gilipin da manda agai gilipin d
	Rott, L. A. [Minskiy lesotekhnicheskiy institut Forestry Engineering Institute]. Concerning the the Critical Stratification Region	Diffusion in	102	
	Card 6/9			
alla favorazione e competi	ann ann an	en englisher a sp. se us senden e an er	un er e een ser - 1 rijnskil	

Roshchina, G. P. [Laboratoriya molekulyarnoy fiziki, Fizicheakiy fakul'tet, Kiyevskiy gosudarstvennyy universitet im. T. G. Shevchenko Laboratory of Molecular Physics, Diviction of Physics, Kiyev State University imeni T. G. Shevchenko] Sion of Physics, Kiyev State University imeni T. G. Shevchenko] Investigation of Fluctuations in Solutions by the Method of Investigation of Fluctuations in Solutions by the Method of Investigation of Fluctuations in Solutions by the Method of Investigation of Fluctuations in Solutions by the Method of Investigation of Fluctuations in Solutions by the Method of Investigation of Fluctuations in Solutions by the Method of Investigation of Fluctuations in Solutions by the Method of Investigation of Fluctuations in Solutions by the Method of Investigation of Fluctuations in Solutions of Investigation in the Method of Investigation of Fluctuations in the Vicin-Kirov]. Special Structural Features of Matter in the Vicin-Kirov]. Special Struc				30	
	Roshchina, G. P. [Labo cheskiy fakul'tet, Kiy T. G. Shevchenko — sion of Physics, Kiyev Investigation of Pluct Light Scattering Skripov, V. P. [Labore politekhnicheskiy instance holecular Physics, Urkirov]. Special Structity of the Critical Polytec the Laboratoriya tepl Thermophysics Laborat tering in Carbon Diox.	ratoriya molekulyarnoy Laboratory of Holecu y State University imen cuations in Solutions b atoriya molekulyarnoy i titut im. S. H. Kirova al Polytechnic Institut ctural Features of Mat oint and Transfer Pheno u. D. Kolpakov [Labora hnic Institute imeni S ofiziki, Ural'akiy fili tory, Ural Branch, AS U tide along Pre- and Pos	fiziki, Fizi- universitet im. llar Physics, Divi- il T. G. Shevehenko] by the Method of fiziki, Uraliskiy Laboratory of te imeni S. M. ter in the Vicin- omena tory of Kolecular . M. Kirov, and al AN SSSR SSR]. Light Scat- t-Critical Isotherms	117	· dental manager and design and the second
			,	nonggist skaging error branches	-

	30	
Critical Phenomena and Fluctuations SOV/5469		
Institute of Petrochemical Synthesis, AS USSR (Moscow) Visual Observations in the Critical Region	137	
Fisher, I. Z., and V. K. Prokhorenko. Concerning the Fluct- uations of Coordination Numbers in Liquids	142	
Fisher, I. Z. [Belorualdy Cosudarstvennyy Universitat Belorussian State University (Minsk)] Correlation Analysis of the Critical Point	148	
Shakhparonov, M.I. [Laboratory of the Houseal Chemistry of Solutions, Chemistry Division, Moscow State University imeni M. V. Lomonosov]. Fluctuations in Solutions	151	
Shimanskaya, Ye. T., and A. Z. Golik [Laboratory of Molecular Physics, Physics Division, Kiyev State University imeni T. G. Shevchenko]. Investigation of the Critical State, Liquid-Vapor, of Solutions by Tepler's Method	161	
Card 8/9		:
	ها المادية المادية المادية المادية المادية	

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756920019-1

	•			3 c	
	Critical Phenomena and Pluctuations	207/5±69			
	Shimanskaya, Ye. T., Yu. I. Shimanskiy, and A. Z. oratory of Molecular Physics, Division of Physics State University imeni T. G. Shevchenko]. Invest the Critical State of Pure Substances by Tepler's	igation of	171		
	Recolution of the Conference on Critical Phenomentuations in Solutions	a and Fluc-	189		
	AVAILABLE: Library of Congress (QD545.873)				
		JP/d 10-	ſk∕ļu 28 - 61		
	Card 9/9				
		,			1
	FAINTEEN COMMISSION PRODUCTION CONTINUES AND FAIR CONTINUES WAS CONTINUED TO A CONTINUE AND A CONTINUE AND A CONTINUES AND A C				1
•					

SOV/177-58-5-19/30

17(7) ATITHOR:

Tsekhanovskiy, B.G., Captain of the Medical Corps

TITLE:

An Attempt to Apply Conduction Anesthesia in Operations on the Carpus (Opyt primeneniya provodnikovoy

anestezii pri operatsiyakh na kisti)

PERIODICAL:

Voyenno-meditsinskiy zhurnal, 1958, Nr 5, pp 76-77

(USSR)

ABSTRACT:

The author reports on his carrying-out a conduction anesthesia in operations on the carpus. In each case, he performed a perineural anesthesia of all three nerves of the carpus. For the anesthesia of the median nerve he employed the Voyno-Yasenetskiy method (20 ml (milliliters) of a 2% novocain solution), for the ulnar nerve the Braun and Voyno -Yasenetskiy method (10 milliliters of a 2% novocain solution) and for the superficial radial nerve the Rost method (10 milliliters of a 2% novocain solu-The author states that the suggested method

Card 1/2

SOV/177-58-5-19/30

An Attempt to Apply Conduction Anesthesia in Operations on the $\mathcal{C}_{\text{arpus}}$

of a perineural conduction anesthesia of the carpus is technically simple, quickly performed and not dangerous. Because of these advantages, the author recommends the described method for wide application. The successful application of conduction anesthesia of the carpus with injuries of the bones, the joints, the tendons and the vessels, made the author conclude that this method may also be successfully applied under field conditions in operations on bullet wounds of the carpus. There are 2 diagrams.

Card 2/2

BRONSHTEYN, L., kand.tekhn.nauk; TSEKHANOVICH, I., inzh.

Potentialities for improving interurban passenger traffic.
Avt.transp. 41 no.lill-13 Ja '63. (MIRA 16:2)
(Transportation, Automotive)

TSEKHANOVICH, L.A., prof.; TIKHONOV, V.M., inzh.

Integrated services for air passengers in Moscow. Gor. khoz. Mosk. 35 no.8:22-25 Ag '61. (MIRA 14:8)

1. Nauchno-issledovatel skiy institut Grazhdanskogo vozdushnogo flota.

(Moscow--Airports)
(Aeronautics, Commercial--Passenger traffic)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756920019-1

TSEMENTON, I. 7.

Tackhnocich, L. I. - "Perareters of consecutive symmetric evolvent commint,"
Nauch, Trudy (Deepropetr. metallurs, in-t m. Stalina), Issue 17, Supplement to
Mekhanika, Nobhanizatsiya metallurs, tockhov, 1009, p. 277-27 - Billions 9
items.

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nrith Statey, No. 5, 1009).

YEGORUSHKIN, V.Ye.; KRASHENEHNIKOV, N.A.; RAZMYSLOVICH, I.R.; PEDOROV, P.F.; TSEKHANOVICH, P.V.; TSVYRKUN, N.A.; BUTYLIN, G., red.; KALECHITS, G., tekhn.red.

[Handbook of a tractor driver] Spravochnik traktorista. Minsk, Gos.izd-vo BSSR, Red.sel'khoz.lit-ry, 1959. 578 p. (MIRA 13:3) (Highway transport workers-Handbooks, manuals, etc.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

TSEKHAHOVICH, Petr Vikent'yevich, kand.tekhn.nauk, dotsent

New method for calculating the intercoil voltages during pulse processes in transformer windings. Izv. vys. ucheb. zav.; elektromekh. 4 no.4:33-45 161. (MIRA 14:7)

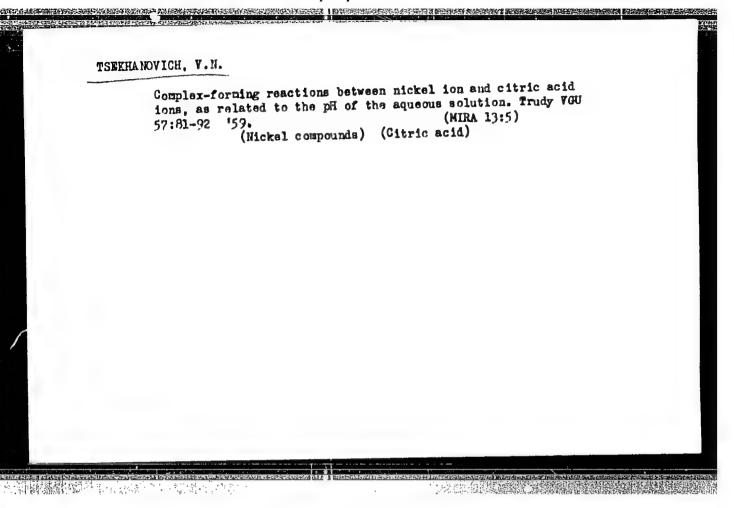
1. Gdan'skiy politekhnicheskiy institut, Pol'sha. (Electric transformers)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

THE TRUIT RESIDENCE THE SERVICE OF THE SERVICE SERVICES.

Interpretation of a coil voltage curve and the area of the application of the wave theory in the calculation of coil voltages of transformer windings. Izv. vys. ucheb. zav.; elektromekh. 6 no.3:287-296
163. (MIRA 16:5)

1. Gdan'skiy politekhnicheskiy institut, Pol'sha.
(Electric transformers—Windings)



TSEMBLYFOU, J. ".

Vesipenho, Va. J. and Tachinovich, 3. ". - "Non- mainated friction from the with ideal characteristics," Nauri. There (Deprendent metalling, in-t h. Josina inth ideal characteristics," Nauri. Semicalary and allum. tookhov, 176, p. 265-71.

So: U-3850, 16 June 53, (Letopia 'Zhurmal 'nyith Statey, No. 5, 1969).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

TA AREA STATEMENT DEBENING OF TOAD FOR THE SECRETARY OF T

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756920019-1

TSENHANCVICH, B. J. Yo. Vo.

USSR/Chemistry - Synthesis Albucid Feb 1947

"New on the Synthesis of the Preparation Albucid," L. K. Shtamm and E. J. Tsekhanovich, 1 p

"Farmatsiya" No 2

On the basis of the experimental data obtained, a new method is proposed for obtaining Diacetamide by the acetylization of acetamide. This method was successfully introduced into the production of altucid

PA 1T66

TO LATERANCE METAL STREET, THE SAFETY OF THE

TSEKHANOVICH, L. A.

公司司持續 關 線 淡点

Aviatsionny perevozki v 1939 godu. [Air transport in 1939]. (Grazhdanskaia aviatsiia, 1939, no. 5, p. 28-30).

DLC: TL504G7

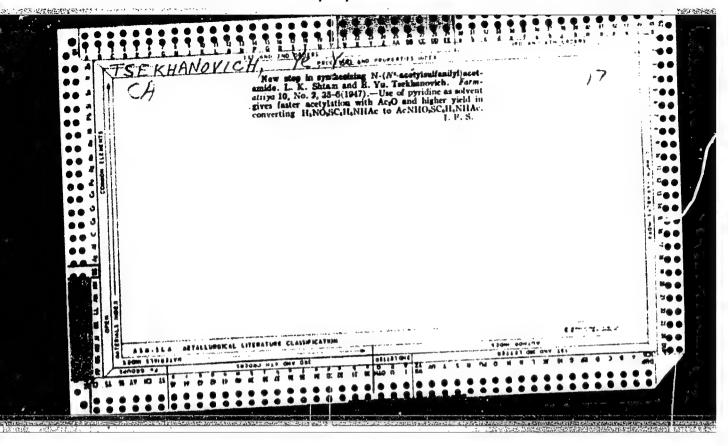
Zadachi sluzhby perevozok. / The task of the transport service / . (Grazhdanskaia aviatsiia, 1938, no. 4, p. 9-14; illus.).

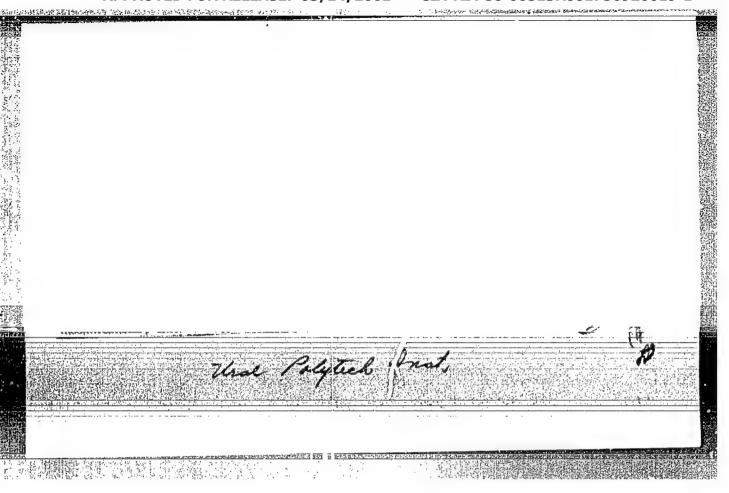
DLC: TL504.G7

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

TSEKHNOVICH, L. I., Doc Tech Sci -- (diss) "kesearch into unsettled dynamic processes in machines with electric drive." Dispropetrovsk, 1960. 20 pp; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Dispropetrovsk Order of Labor hed Banner Metallurgical Inst im I. V. Stalin); 200 copies; price not given; (KL, 26-60, 134)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"





TROFIMOVSKAYA, A.Ya., kand. sel'skokhozyaystvennykh nauk; TSKKHAMOVSKAYA, H.A.

Biological foundation of the resistance of barley to loose snut.

Trudy po prikl. bot., gen. i sel. 30 no. 3:178-188 '57.(MIRA 11:7)

(Barley-Discass and pest resistance)

(Snuts)

COUNTRY CATEGORY	: USSR : Cultivated Flants. Cereals.
NBS. JOUR.	
othor NSI.	Trofimovskaya, A. Ya., Tsekhanovskaya, N. A.
'ITLE	Smut. Biological Bases for the Resistance of Barley to Loose
RIG. PUB.	: Tr. po prikl. botan., genet. i selektaii, 1957. 30. No. 2
BSTRACT	resistance, but in different years and under different eco- logical conditions, their resistance varies a great deal. This is connected with the conditions under which the flowering stage runs its course. If the conditions of cul- mote their growth, then open blossoming is observed which is one of the chief causes of the intensified infection of sowing periods and. The fall and very early represent
d: 1/1	to the recovery of the seeds from loose smut C. V.

SOLOV'YEV, I.; TSEKHARCVSKIY, A. (Timiryazevo, Tomskoy obl.);

LAVROV, D.; SIROTYUKOV, V.; KOSTYUKOV, V.; KOTLYARSKIY, F.

(Chelyabinsk); P.RUHAKYAN, V. (Chelyabinsk); SHILER, S.;

RYABSKIY, N.; PUSHKIN, D., instruktor; SHASTIN, V. (Al'met'yevsk)

Reader's letters. NTO 3 no.9:58-59 S '61. (MIRA 14:8)

1. Uchenyy sekretar' dorozhnogo pravleniya Tashkentskoy zheleznoy dorogi (for Solov'yev). 2. Uchenyy sekretar' podsektsii tekhniki bezopasnosti Mcskovskogo oblastnogo pravleniya Nauchnotekhnicheskogo obshchestva stroitel'noy industrii (for Lavrov).
3. Chleny Nauchnotekhnicheskogo obshchestva Novocherkasskogo elektrovozostroitel'nogo zavoda (for Sirotyukov, Kcstyukov).
4. Predsedatel' soveta Nauchnotekhnicheskogo obshchestva upravleniya legkoy i pishchevoy promyshlennosti sovnarkhoza, g. Karaganda (for Shiler). 5. Chlen prezidiuma Moskovskogo gorodskogo pravleniya Nauchnotekhnicheskogo obshchestva neftyanoy i gazovoy romyshlennosti (for Ryabskiy). 6. TSentral'noye pravleniye Nauchnotekhnicheskogo obshchestva mukomol'noy i krupyanoy promyshlennosti i elevatornogo khozyaystva, g. Gomel' (for Pushkin).

(Research, Industrial)

S/075/61/016/001/017/019 B013/B055

AUTHORS: Tsekhanskaya, Yu. V. and Mushkina, Ye. V.

TITLE: Photometric Determination of Small Quantities of Butadiene

PERIODICAL: Zhurnal analiticheskoy khimii, 1961, Vol. 16, No. 1,

pp. 96-99

Card 1/3

TEXT: This brief communication deals with the checking and working cut of a photometric method of determining small quantities of butadiene suggested by N. A. Isakova (Refs. 7-9). The determination is based on the formation of a colored compound from butadiene and diazotized p-nitro-aniline hydrochloride and subsequent photocolorimetric measurement of the optical density. For the photometric determination of butadiene, a calibration curve was taken using pure butadiene. Several measurements were also performed with mixtures of butadiene and n-hexane or n-heptane from sealed ampoules. The butadiene used for this purpose was prepared by treating tetrabromobutane in alcoholic-aqueous solution with granulated zinc (Ref. 10). The equipment represented in Fig. 1 was used for precisely measuring out butadiene into the reaction vessel and for the analysis from

Photometric Determination of Small Quantities of Butadiene

S/075/61/016/001/017/019 B013/B055

ampoules. This equipment consists of a small steel autoclave (1) for storing butadiene, a glass ampoule (2), a 10-cm³/microburet (4) with 0.02-cm³ graduation, and a manometer (7). Evaluation of 43 optical-density measurements of solutions containing between 0.53 and 2.9 cm³ butadiene (0°C, 760 mm Hg) by the least squares method gave a straight-line calibration curve in the coordinates optical density - amount of butaliene in cm³ (Fig. 2). The mean probable error of a measurement was ±7%. The applicability of the photometric method to butadiene determination in the presence of its dimer was tested. For this purpose butadiene was dimerized in the gas phase at 250 and 260°C (Table). A comparison of the calculated and experimentally found quantities of butadiene showed that the photometric determination of butadiene is not affected by the presence of the dimer. There are 2 figures, 1 table, and 13 references: 10 Soviet, 1 Scotch, and 2 US.

ASSOCIATION:

Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza, Moskva (State Design and Planning Scientific Research Institute of the Nitrogen Industry and of Products

Card 2/3

n. Housely, ..t.; Commembrays, Ye.V.; TrrHedwyk, G.M.

rolwregraphy in a minary limit to sation in the critical region.

Thur. Fig. whim. 3d no.18:3009-2019 H 1-4.

(MHA 18:1)

1. Commembrationary institut azotnoy promychlemosti.

\$/170/62/005/002/001/009 B104/B138

AUTHORS:

Tsekhanskaya, Yu. V., Iomtev, M. B.

TITLE:

Method of measuring the diffusion coefficients of solid sub-

stances in compressed gases

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 5, no. 2, 1962, 24 - 29

TEXT: In the method described here, the rate of diffusion of a solid in a gas is determined from its loss of weight, and no analyses are carried out. The diffusion chamber is made of stainless steel (Fig. 1) and consists of a vessel, a screw, and a valve. The cylindrical channel is 10.0 ± 0.1 mm in diameter and 71.0 ± 0.1 mm in length. The channel is filled with round rods (10) made of calibrated iron wire and 0.5 and 0.8 mm in diameter. A tablet (9) of solid, pressed analytical purity diphenyl amine (m. p. 50°C) is placed at the bottom of the channel. A gaseous solution saturated with diphenyl amide is formed on the surface of the tablet by introducing carbon dioxide through the valve. The diphenyl amide diffuses into the capillaries between the rods. Prior to the experiment, the tablet was ground to fit the steel socket. The diffusion chamber with Card 1/3

Method of measuring the , , ,

S/170/62/005/002/001/009 B104/B138

the socket and tablet inside was evacuated at room temperature and put into a thermostat. After the desired temperature had been reached, the required pressure was created in the chamber with a hydraulic press. The diffusion coefficient of the diphenyl amine was calculated from an equation derived from Fick's second equation by integration. It was assumed to be independent of the composition (Jost W., Diffusion in Solids, Liquids and Gases. New York, 1952). The experiments were made at 32.3°C and at pressures varying from 130.5 to 77.0 at, and took 5 min to 50 hrs. In the pressure range under consideration, the diffusion coefficient varied almost linearly from $0.6 \cdot 10^{-4}$ cm²·sec⁻¹ to $1.9 \cdot 10^{-4}$ cm²·sec⁻¹. The error was 5 - 10%. I. R. Krichevskiy is thanked for advice and interest. There are 3 figures, 1 table, and 22 references: 10 Soviet and 12 non-Soviet. The four most recent references to English-language publications read as follows: Guildner L., Proc. Nat. Akad. Sci. USA, 44, 1149, 1958; Robb W. L., Drickamer H. G., J. Chem. Phys., 19. 1504, 1951; Jeffries Q. R., Drickamer H. G., J. Chem. Phys., 22,486, 1954; Michels A., Botzen A., Physica, 23, 95, 1957.

Card 2/3

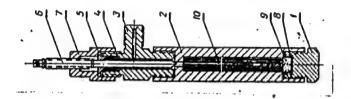
Method of measuring the ...

5/170/62/005/002/001/009 B104/B138

ASSOCIATION: Gosudarstvennyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza, g. Moskva (State Institute of the Nitrogen Industry and Products of Organic Synthesis, Moscow)

SUBMITTED: May 19, 1961

Diffusion chamber. Legend: (1) screw; (2) vessel; (3) three-way cock; (4) packing; (5) bottom box; (6) spindle; (7) screw; (8) steel socket for tablet; (9) tablet; (10) iron rods. Fig. 1.



Card 3/3

活动-数图4:

THE PROPERTY.

TSEKHANSKAYA, Yu.V.; IOMTEV, M.B.; MUSHKINA, Ye.V. (Moscow)

Solubility of diphenylamine and naphthalene in carbon dioxide under pressure. Zhur.fiz.khim. 36 no.10:2187-2193 0 '62.

(MIRA 17:4)

1. Gosudarstvennyy institut azotnoy promyshlennosti, Moskva.

KRICHEVSKIY, I.R.; TSEKHANSKAYA, Yu.V.

Photodissociation of iodine in carbon dioxide solutions under critical conditions. Inzh. fiz.zhur. 5 no.12:104-107 D '62. (MIRA 16:2)

1. Nauchno-issledovatel skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza, Moskva.

(Dissociation) (Iodine) (Carbon dioxide)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

5 (4)

AUTHORS:

Kricherskiy, I. R., Khazanova, N. Ye., SCV/76-33 7. T/10

Tsekhanskaya, Yu. V. Linshits L. R.

TITLE:

Critical Phenomena in the System Hexamethylene Imine - Water. I. Equilibrium Limiting Curve of Liquid - Liquid Near the

Critical Point

PERIODICAL

Zhurnal fizieneskoy khimii, 1959, Vol 33, Ni 7, pp 1484

(USSR)

ABSTRACT:

From the data of the classical theory on the oritical phenomena new thermodynamic relations can be obtained (Refs 1 3) which combine the course of the limiting curve (LC) near the critical point (CP) with the jumps of the derivatives of some properties during the transition of the system from the homogeneous to the heterogeneous state. In previous papers (Refs 4 8) it was found for two systems by the method of the jump of the derivative $(\partial v/\partial t)_{p,x}$ of the course of the (LC) near the critical point

that the limiting curves of these systems are second-degree parabolas. In continuation of these investigations the authors analyzed the system hexamethylene imina (I) - water (II). They

Card 1/3

investigated the course of the (LC) (Fig 1 Table 1) near the

Critical Phenomena in the System Hexamethylene Imine - Water, I. Equilibrium Limiting Curve of Liquid - Liquid Near the Critical Point

sov/76-33-7-7/40

(CP), the partial and total vapor pressure, the specific weight, the refractive index, the viscosity, and the diffusion coefficients within the wide range of temperature and composition. Investigations were carried out near the lower (CP) at 66.9°C and 22.5 wt% (I) by means of a gravimetric dilatometer (Refs 11-14) (Fig !) which was contained in a thermostat. The authors investigated six systems with a hexamethylene imine content of 13.7: 20.1, 24.32, 27.6, 31.4; and 35.6 wt% at various temperatures (Table 2). On the basis of the results of the specific rolumes, volume-temperature curves were plotted, and herefrom the authors calculated the derivatives $(\partial v/\partial t)_{p_x}$ on the (LC) for the heterogeneous and the homogeneous range as well as the jumps of the derivatives at the point of intersection of the (LC). Results showed that the jump of the derivative $(\partial v/\partial t)_{p}$, attains a limit in the critical point, and thus the (LC) is a second-degree parabola near the (CP). In (Refs 18-20), the jumps of $c_{P,x}$ and $(\partial v/\partial t)_{P,x}$ of some binary solutions and

Card 2/3

Critical Phenomena in the System Hexamethylene Imine - Water, I. Equilibrium Limiting Curve of Liquid - Liquid Near the Critical Point

the jumps of of several pure substances were investigated, and it was found that these jumps always attain limits in the (CP). It is therefore assumed that the (LC) of the liquid of liquid of the liquid of vapor in the systems under invest igation is a second degree parabola near the (CP). There are 5 figures, 2 tables, and 21 references, 14 of which are Soviet.

ASSOCIATION:

Gosudarstvennyy institut azetnoy premyshlennosti (State Institute for Nitrogen Industry)

SUBMITTED:

September 11, 1957

Card 3/3

05536 sov/76-33-10-34/45

5(4) AUTHORS: Krichevskiy, I. R., Tsekhanskaya, Yu. V.

TTTLE:

Dissolution of Solid Acids in Binary Liquid Solutions in the

Critical Range

PERIODICAL: Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 10,

pp 2331 - 2338 (USSR)

ABSTRACT:

This paper deals with the influence exercised by the critical range on the kinetics of heterogeneous processes which take place under different hydrodynamic conditions. The rate of dissolution of terephthalic acid in the systems triethylamine water at 17° and hexamethylenimine - water at 30, 40, and 67.5° was determined under laminar and turbulent conditions as well as the rate of dissolution of adipic, sebacic, and salicylic acid in the system triethylamine - water at 170 and under laminar conditions. Exact data on the experimental methods are given. Experiments with laminar flows led to two observations: 1) The experimental values of dilute solutions are in agreement with those computed according to equation (1) for convective diffusion towards the surface of a rotating disk by V. G. Levich (Ref 7); 2) for increasing triethylamine and hexamethylenimine

Card 1/3

Dissolution of Solid Acids in Binary Liquid Solutions SOV/76-33-10-34/45 in the Critical Range

concentration and approximation to the critical composition, the rate of dissolution of the various solid acids is equal in the same solution. The computations of the diffusion flows carried out by Yu. B. Ivanov and V. G. Levich (Ref 8) are in good agreement with the present experimental data. For turbulent flows L. D. Landau (Ref 9) and V. G. Levich (Ref 10) assumed that the convection of the substance in the layer took place immediately at the surface of the solid (where the chemical reaction proceeded) due to turbulent pulsations, whereas L. Prandtl (Ref 11) and G. Karman (Ref 12) (Abstracter's note: name is written in the text with G., in the bibliography with T.) assume a laminar flow without pulsations in this layer. From the experimental data obtained the universal constant was computed here from equation (2) by Levich for the convective diffusion towards the surface of the rotating disk in turbulent flows (Table). The constant value of the universal constant confirm Levich's theory and the afore-mentioned assumption by Landau and Levich. Experiments on the dissolution in binary mixtures of liquids without critical point (ammonia - water) showed that also in this case the rate of the heterogeneous chemical reaction may be

Card 2/3

Dissolution of Solid Acids in Binary Liquid Solutions SUV/76-33-10-54/45

independent of the composition of the solution if the removal of the reaction products determines the reaction rate. There are 8 figures, 1 table, and 14 references, 10 of which are Soviet.

ASSOCIATION: Institut azotnoy promyshlennosti, Moskva (Institute of Nitrogen Industry, Moscow)

SUBMITTED: March 31, 1958

Card 3 / 3

5(4)

AUTHORS:

SOV/20-122-2-25/42 Krichevskiy, I. R., Tsekhanskaya, Yu. V.

TITLE:

The Convective Diffusion in Liquid Solutions Under Turbulent Conditions (Konvektivnaya diffuziya v zhidkikh rastvorakh pri turbulentnom rezhime)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 2, pp 258-259

ABSTRACT:

V. G. Levich met up the following equation of the convective diffusion in liquid solutions to the surface of a rotating disk under turbulent conditions:

 $I \sim \frac{0.01 \text{ c}_{0}\text{ s}}{\alpha \text{ Pr}^{3/4}} (a \omega) \left(\frac{y}{a^{2}\omega}\right)$

I denotes the diffusion flux (potok), s - the area of the disk,

a - the radius of the disk, co - the concentration of the

substance in the core (yadro) of the solution, $\,\omega\,$ - the angular velocity of the rotating disk, v - the kinematic viscosity of the solution, α - a universal constant. This paper deals with the experimental confirmation of the above

Card 1/3

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756920019-1"

The Convective Diffusion in Liquid Solutions Under Turbulent Conditions

given equation and with the finding of the numerical value of a. For the experimental proof of the above mentioned equation, the authors measured the velocity of the dissolution of terephthalic acid (which is practically water-insoluble) in diluted aqueous solutions such as water-triethylamine, water-hexaethylamine, and water-ammonia according to the method of the rotating disk under turbulent conditions. The apparatus for the measurements and the experimental method were discussed in a previous paper (Ref 8). A table gives the results of the measurements of the diffusion fluxes together with all the data necessary for the calculation of the value of a. The errors of the determination of the diffusion fluxes under turbulent conditions amounted to 3-6 %. For α , the average value 0,13 was found. The probable error of a single measurement of α was equal to \pm C. 31 and the probable error of the average value of α amounted to \pm 0.003. Thus, the value of a does not depend on the nature of the diffusing substance. The constancy of the value of α confirms the assumptions of L. D. Landau and V. G. Levich concerning the nature of the turbulent motion in liquids near a solid surface. There are 1 table and 10 references, 7 of which are

Card 2/3

507/20-122-2-25/42

Institute of the Nitrogen

The Convective Diffusion in Liquid Solutions Under Turbulent Conditions

ASSOCIATION: Nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti

(Scientific Research and Planning Industry)

PRESENTED: May 8, 1958, by S. I. Vol'fkovich, Academician

SUBMITTED: May 7, 1958

Card 3/3

CIA-RDP86-00513R001756920019-1" APPROVED FOR RELEASE: 03/14/2001

L 18906-66 EWT(m)/EWP(j)/T/ETC(m)-6 DS/WW/JW/RM

ACC NR: AP6008053

SOURCE CODE: UR/0020/66/166/004/0897/0900

AUTHOR: Kirchevskiy, I. R.; Tsekhanskaya, Yu. V.; Polyakova, Z. A.

2.9

ORG: State Institute of the Nitrogen Industry (Gosudarstvennyy institut azotnoy

promyshlennosti)

TITLE: Photodissociation of chlorine and recombination of chlorine atoms at the critical point of the liquid-gas equilabrium

SOURCE: AN SSSR. Doklady, v. 166, no. 4, 1966, 897-900

TOPIC TAGS: chlorine, critical point, diffusion, photodissociation

ABSTRACT: The kinetics of photodissociation of chlorine and recombination of chlorine atoms was carried out at 144.0° C at chlorine densities from 0.562 to 0.597 g/cm³. The apparatus employed is thoroughly described. An ampoule filled with chlorine was illuminated with a PRK-2 lamp, which has a spectrum causing the dissociation of chlorine molecules, and the binary solution Cl_2 -Cl was formed. When the critical temperature of the latter became constant, a state of equilibrium was reached, i. e., the number of forming atoms was equal to the number of recombining

UDC: 531.1

Card 1/2

L 18906-66

ACC NR: AP6008053

ones. This occurred after 8 to 10 min. The recombination at chlorine densities close to the critical value (0.572, 0.574, 0.579, and 0.585 g/cm³) is very slow: the chlorine atoms recombine completely after 70 to 80 min. At chlorine densities of 0.562 and 0.597 g/cm³ the recombination of chlorine atoms ends after 4 to 5 min. This very slow recombination is attributed to an abrupt decrease of the diffusion coefficient at the critical point of the binary solution. At 144.0°C and at the critical density of chlorine, the diffusion/coefficient of chlorine atoms was calculated to be 2.10⁻¹² cm² sec⁻¹. It is concluded that radicals can be stabilized in the vicinity of the critical point of binary systems. The paper was presented by Academician S. I. Vol'fkovich on 4 June 1965. Orig. art. has: 2 figures, 12

SUB CODE: 07/ SUBM DATE: 01Jun65/ ORIG REF: 007/ OTH REF: 005

Card 2/2 mc

"APPROVED FOR RELEASE: 03/14/2001

自己是**是自己的**。这个是一个是一个是一个

CIA-RDP86-00513R001756920019-1

COUNTRY		USSR	-
CATEGORY	:	Forestry. Forest Management K	
755. JOUR.	:	R. 19501., No. 2, 1959, No. 6161	
AUTHOR	:	Tsekhanovskiy, A.I.; Petrov, E.F.	i İ
IFST. TITLE	:	Up lization of Forest Stands demared by the siberian Silkworm (Bendrolimus sibirious).	
onio. Pob.	:	Lesn. kh-vo,1958, No.1, 17-19	
abotract	•	Consideration is given to problems of the most rational explcitation of dried-out cedar-lir plantations in Tomskaya Oblast which were injured by the Siberian silkworm in 1954 - 1966. Practical recommendations are given for the technological treatment of dead-wood tree stands, and experiments are described which use new standards for wood affected by 'silk worms'.	
Card:		1/1	1

TSEKHANOVSKIY, A.I., inzhener, laureat Stalinskoy premil.

Skidding untopped timber by the butt end. Mekh.trul.rab. 3 no.2:
(MIRA 8:4)
(Iumbering)

TSEKHANOVSKIY, A. I. -- Opyt raboty Timiry zevskogo lespromkhoza, (kombinat "Tomles"). M. -L., Goslesbumizdat, 1954. 60 s. s 111. 22 sm. (grafik tsiklichnosti na lesozagotovkakh). 7.000 ekz. lk. 10k. -- (55-4114) P 634.98: (658.561 & 658.513

S0: Knizhnava Letopsis', Vol. 7, 1955

RESHETOV, A.V., inshener; TSEKHANOVSKIY, A.I., inzhener

Methods of loading tree length logs onto the rolling stock of Siberian loggin railroads. Mekh.trud. rab. 9 no.6:36-37 Ju 155.

(MIRA 8-6)

(Loading and unloading) (Lumber-Transportation)

TSEKHANOVSKIY, A. I.: BEKESHOV, S. F.: ZEL'DICH, F.N.

LUMBERING

Hauling lumber by means of a wildlass with perpetual cable., Les. prom., 12, no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

GOLIKOV, V.I.; TSEKHANOVSKIY, A.I., laureat Stalinskoy premii.

Continuous work schedule in master IA.P. Rymshi's section.
Les.prom. 14 no.7:11-13 JI 154.

1. Direktor Timiryasevskogo lespromkhosa (for Golikov)
2. Glavnyy inzhener Timiryasevskogo lespromkhosa (for Tsekhanovskiy)

(Kumbering)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756920019-1

THERMARCUSKIY, A. M. (Senior Veterinarian, Spasskiy rayon Department of Agriculture).

The fight against edizoctics in Spasskiy rayon. Ryazan oblast.

Source: Veterinariya; 22; 6; June 1945 uncl

TAECON

1. 对于《子》的中华的中国,是常见的本地区的特别的智慧和阿拉斯的特殊。但是阿格拉斯的特别。

THE STATE OF THE S

SHUSTIN, V-A., MALYSHEVA. K.G.; TSEKHANOVSKIY, B.G.

Sagmental radicular leucocytosis in lumbar diskogenic radiculitie. Zhur.nevr. i psikh. 63 no.12:1792-1797 163.

l. Klinika neyrokhirurgii (nachal'nik - dotsent B.A.Samotokin) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"

The second of th

Control of the contro

VASIL'YEVA, R.V., inzh.; TSEKHANSKIY, K.R., inzh.; SHEYNMAN, Ye.M., inzh.; FRIDLYAHD, V.I., inzh.

Equipment for studying vibrations of bearings in turbine units.

[Trudy] TSNIITMASH no.87:23-40 '58. (MIRA 11:11)

(Bearings (Machinery)--Vibration) (Electronic measurements)

TSEKHANSKAYA, YU. V.

Tsekhanskaya, Yu, V. -- "Diffusion and Dissolution in Liquid Solutions in the Critical Region." Min Chemical Industry USSK. Order of Labor Red Banner Sci Res Physicochemical Inst imeni L. Ya. Karpov. Moscow, 1956. (Disseration For the Degree of Candidate in Chemical Sciences).

So: Knizhnaya Letopis', No. 11, 1956, pp 103-114

ISEKHANSKMYM,

USSR/Statistical Physics - Liquids

D-8

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11521 Author

: Krichevskiy, I.R., Tsekhanskaya, Yu.Y. Inst

Institute of Mitrogen Industry, Moscow.

Title : Diffusion and Dissolution in Liquid Solution in the

Orig Pub

: Zh. fiz. khimii, 1956, 30, No 10, 2315-2326

Abstract : On the basis of the investigation performed on the influen-

ce of the critical region on the diffusion in a system comprising water and tri-ethyl-amine, a general conclusion is reached that the speed of diffusion in the critical region of a double system is very small and drops down to zero at the very critical point. Also investigated was the influence of the critical region on the kinetics of the heterogenous reaction. It is indicated, that in the

Card 1/2

USSR/Statistical Physics - Liquids

D-8

Abs Jour

: Ref Zhur - Fizika, No 5, 1957, 11521

critical regions of multi-component systems, the conclusions made remain approximately valid for the first and second components, provided their concentrations are large compared with the concentrations of the individual components.

Bibliography, 36 titles.

Card 2/2

KRICHEVSKIY, I.R.; ROTT, L.A.; TSEKHANSKAYA, Yu.V.

Autocorrelation of heat fluctuations in a diluted binary solution mean its critical point, Dokl. AN SSSR 163 no.3:674-676 Jl 465. (MIRA 18:7)

1. Belorusskiy tekhnologicheski; institut im. S.M.Kirova. Submitted January 6, 1965.

TSEKHANSKIY, G.I., inzh.

D-467 self-propelled mixer. Stroi. 1 dor. mash. 6 no.3:31 Mr
'61.

(Road machinery)

(Road machinery)

ACC NR: AP6032440

SOURCE CODE: UR/0368/66/005/003/0284/0287

AUTHOR: Tsekhanskiy, G. N.; Pankrat'yeva, E. A.; Vafiadi, V. G.

ORG: none

TITLE: Procedure for measuring the depth of modulation of light flux

SOURCE: Zhurnal prikladnoy spektroskopii, v. 5, no. 3, 1966, 284-287

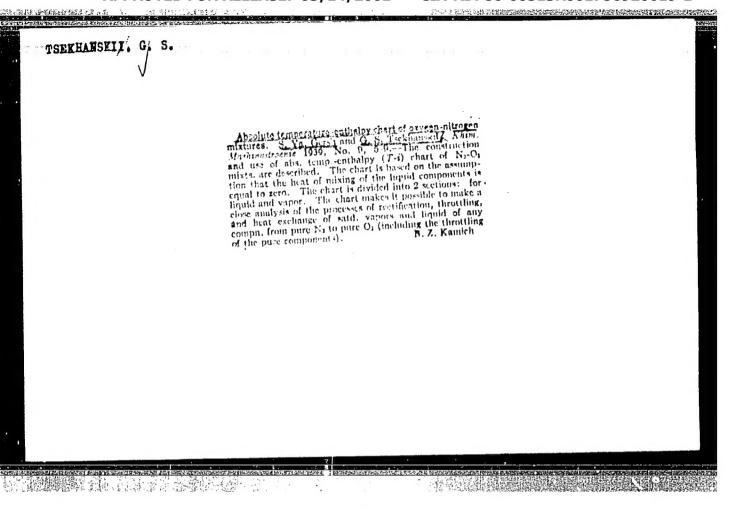
TOPIC TAGS: light modulation, luminescence, photoconductivity, Kerr cell

ABSTRACT: In view of the development of new types of modulators for use with research on luminescence kinetics and photoconductivity, the authors describe apparatus, aimed at comparing different modulators, for the measurement of the depth of modulation of light flux from a light modulator or from a source of modulated light. The principle of the apparatus (Fig. 1) is based on interrupting the light by a rotating perforated disc and measuring the oscillograms of the output of photomultiplier on which the interrupted light is incident. A Kerr cell was used as a standard modulator producing a constant depth of light-flux modulation. The use of the Kerr cell made it possible to correct the photomultiplier readings for inertia occurring at different frequencies. As an example illustration of the operation of the equipment, it was used to measure the depth of modulation of the light flux from a neon lamp (type TF-0.20) at 4 Mcs. Orig. art. has: 4 figures, 3 formulas and 1 table.

Card 1/2

UDC: 621.376

ACC NR: AP603	5440		1		
measurement of flux. 1 Por 3 photomula cathode follow power supply, 7 oscillos	f depth of mod erforated disc tiplier, 4 — wer, 5 — pho 6 — preampl cope.	ulation of light, 2 motor, preamplifier witomultiplier ifier power sup	ofth oply,		
	· ·				
					-
	Fig. 1. Block measurement of flux. 1 Post of the following supply, 7 oscillosomer supply,	measurement of depth of mod flux. 1 — Perforated disc 3 — photomultiplier, 4 — cathode follower, 5 — pho power supply, 6 — preampl 7 — oscilloscope.	Fig. 1. Block diagram of apparatus for the measurement of depth of modulation of light flux. 1 Perforated disc, 2 motor, 3 photomultiplier, 4 preamplifier we cathode follower, 5 photomultiplier power supply, 6 preamplifier power supply oscilloscope.	Fig. 1. Block diagram of apparatus for the measurement of depth of modulation of light flux. 1 Perforated disc, 2 motor, 3 photomultiplier, 4 preamplifier with cathode follower, 5 photomultiplier power supply, 6 preamplifier power supply,	Fig. 1. Block diagram of apparatus for the measurement of depth of modulation of light flux. 1 Perforated disc, 2 motor, 3 photomultiplier, 4 preamplifier with cathode follower, 5 photomultiplier power supply, 6 preamplifier power supply, 7 oscilloscope.



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756920019-1"